CLAIMS:

1. A golf ball having a spherical surface where a plurality of flat surface regions are defined.

2. The golf ball of claim 1 wherein said flat surface regions are polygonal or circular plane regions.

3. The golf ball of claim 2 wherein a dimple is disposed within each said polygonal or circular plane region.

4. The golf ball of claim 3 wherein the dimple is centered within each said polygonal or circular plane region.

5. The golf ball of claim 3, including 300 to 550 dimples.

6. The golf ball of claim 1 wherein the total area of lands as the spherical surface accounts for less than 20% of the entire golf ball surface area.